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Date of Deposit: ___November 28, 2001___

Our Case No. 9683/95

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Hiroyuki Yamamoto et al.)	
)	Examiner: To be assigned
Serial No.: New Application)	
)	Group Art Unit No.: To be assigned
Filing Date: Herewith)	
)	
For: LOCATION REPORTING METHOD)	
AND RELATED MOBILE)	
COMMUNICATION TERMINAL)	
)	

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of this application on the merits, please enter the following amendments and remarks.

IN THE SPECIFICATION

Please make the following amendments to the specification:

On page 10, please replace the second full paragraph (ll. 13-17) with:

--The location information disclosure flag is set on for the IP server 500 to which the location information of the mobile station 101 is disclosed (i.e. the IP server 500 capable of acquiring the location information of the mobile station 101).--

Please replace the paragraph beginning on line 22 of page 10 and concluding on line 4 of page 11 with:

--The wide area information is defined as the information having the same contents regardless of the location where the party receiving the information is located,

and the wide area information service is the one independent of the location information of the mobile station 101. The wide area information service includes the service of distributing news about the whole country. The location-related information service, on the other hand, is the one dependent on the location of the mobile station 101 for providing the aforementioned information on restaurants, for example.--

Please replace the first full paragraph on page 11 (ll. 5-14) with:

--As shown in the drawing, the IP server 500A and the IP server 500B can acquire the location information (i.e. the location information is disclosed to the IP server 500A and the IP server 500B), and therefore the location information disclosure flag is set in on state for them. The IP server 500C, on the other hand, cannot acquire the location information of the mobile station 101 (i.e. the location information is not disclosed to the IP server 500C), and therefore the location information disclosure flag is set off for the same.--

Please replace the paragraph beginning on line 15 of page 11 and concluding on line 3 of page 12 with:

--The user permit flag is set the same way for all the IP servers 500 to which the location information of the mobile station 101 is disclosed, and set on in the case where the permission of the user of the mobile station 101 is required before the location information is disclosed to the IP server 500A or the IP server 500B for which the location information disclosure flag is set in on state. Some users may want the information on their location to be unknown to others. In such a case, in order to prevent the location information of the mobile station 101 from being disclosed to the IP servers 500A, 500B and so forth against the will of the user, the user can set the user permit flag on by a predetermined key operation. In the case where the user permit key is set off, on the other hand, the location information can be supplied unconditionally to the IP servers 500A and 500B for which the location information disclosure flag is set on.--

Please replace the heading on page 18 (ll. 24-25) with:

--(3) Configuration of Location-Related Information Data Base 510--

Please replace the paragraph beginning on page 36 (l. 28) and concluding on page 37 (l. 12) with:

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--The registered information on the destination of disclosure can take such a form as to set, for each mobile station 101, the IP servers 500A, 500B and so on to which the location information is to be disclosed. Fig. 10 shows an example of a data format of the data base included in a node. As shown in Fig. 10, the "IP server name" to which the location information is to be disclosed is registered in the data base for each "mobile station ID". The location information of the mobile station ID "MS0901111111" shown in Fig. 10, for example, is permitted to be disclosed to the "IP servers 500A, 500B, 500H, and so on". It is determined that the location information is not disclosed to the IP servers 500 not registered in this data base.--

Please replace the first full paragraph on page 59 (ll. 5-13) with:

--Thus, the up signal transmitted from the mobile station 101 comes to contain the URL of any one of the IP servers 500A, 500B and so on of the destination, the mobile station ID, the base station ID and the packet subscriber processing unit ID by the time it is received by the gateway server 330. The location information generating unit 325, by analyzing these ID information, can grasp which mobile station 101 is located in the radio zone of which base station 210.--

Please replace the second full paragraph on page 59 (ll. 14-24) with:

--Also, the location information generating unit 325 includes an area code table 328 having stored therein the base station IDs and corresponding area codes of the areas where the respective base stations having the particular base station IDs are located. The location information generating unit 325 searches the area code table 328 using, as a search key, the base station IDs covering the mobile station 101. The area code obtained as the result of this operation and the mobile station ID of the mobile station 101 described above are determined as the location information of the mobile station 101.--

Please replace the paragraph beginning on line 25 of page 62 and concluding on line 3 of page 63 with:

--According to the third embodiment, a location measuring method is designated by adding, to the hyper link character string, the network-type GPS form ".gps" or the location measuring method ".bs" using the base station ID. The IP server 500,

however, can also add the data of a plurality of location measuring methods with the order of priority specified.--

Please replace the second full paragraph on page 77 (ll. 8-14) with:

"Finally, in step Sa39, the microcomputer 101b of the mobile station 101A detects that the received data string contains the URL indicating the location information of the mobile station 101B and by accessing the particular URL automatically, displays the map indicating the location of the mobile station 101B on the information display unit 101e thereby to end the operation."

IN THE CLAIMS

Please rewrite claim 24 as follows:

24.   (Once Amended) A location reporting method as described in Claim 23, wherein,

said acquiring step includes generating by said mobile communication terminal the location of itself using a global positioning system.

REMARKS

The changes in the specification and claim 24 as rewritten by the present amendment relative to the previous versions thereof are shown in the Appendix entitled "Version with Markings to Show Changes Made" (attached herewith), wherein bracketing is used to identify deleted material and underlining is used to identify added material. The amendments were made to correct typographical errors. No new matter has been added.

Applicants submit that the application is now ready for examination on the merits.

Respectfully submitted,

Gregory H. Zavia
Registration No. 48,059
Agent for Applicants

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

Amendments to the second full paragraph on page 10 (ll. 13-17):

"The location information disclosure flag is set on for the IP server 500 to which the location information of the mobile station [100] 101 is disclosed (i.e. the IP server 500 capable of acquiring the location information of the mobile station [100] 101)."

Amendments to the paragraph beginning on line 22 of page 10 and concluding on line 4 of page 11:

"The wide area information is defined as the information having the same contents regardless of the location where the party receiving the information is located, and the wide area information service is the one independent of the location information of the mobile station [100] 101. The wide area information service includes the service of distributing news about the whole country. The location-related information service, on the other hand, is the one dependent on the location of the mobile station [100] 101 for providing the aforementioned information on restaurants, for example."

Amendment to the first full paragraph on page 11 (ll. 5-14):

"As shown in the drawing, the IP server 500A and the IP server 500B can acquire the location information (i.e. the location information is disclosed to the IP server 500A and the IP server 500B), and therefore the location information disclosure flag is set in on state for them. The IP server 500C, on the other hand, cannot acquire the location information of the mobile station [100] 101 (i.e. the location information is not disclosed to the IP server 500C), and therefore the location information disclosure flag is set off for the same."

Amendments to the paragraph beginning on line 15 of page 11 and concluding on line 3 of page 12:

"The user permit flag is set the same way for all the IP servers 500 to which the location information of the mobile station [100] 101 is disclosed, and set on in the case where the permission of the user of the mobile station [100] 101 is required before the location information is disclosed to the IP server 500A or the IP server 500B for which the location information disclosure flag is set in on state. Some users may want the information on their location to be unknown to others. In such a case, in order to

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prevent the location information of the mobile station [100] 101 from being disclosed to the IP servers 500A, 500B and so forth against the will of the user, the user can set the user permit flag on by a predetermined key operation. In the case where the user permit key is set off, on the other hand, the location information can be supplied unconditionally to the IP servers 500A and 500B for which the location information disclosure flag is set on."

Amendments to the heading on page 18 (ll. 24-25):

"[(5)] (3) Configuration of Location-Related Information Data Base 510"

Amendments to the paragraph beginning on page 36 (l. 28) and concluding on page 37 (l. 12):

"The registered information on the destination of disclosure can take such a form as to set, for each mobile station 101, the IP servers 500A, 500B and so on to which the location information is to be disclosed. Fig. 10 shows an example of a data format of the data base included in a node. As shown in Fig. 10, the "IP server name" to which the location information is to be disclosed is registered in the data base for each "mobile station ID". The location information of the mobile station ID "MS0901111111" shown in Fig. 10, for example, is permitted to be disclosed to the "IP servers 500A, 500[D]B, 500H, and so on". It is determined that the location information is not disclosed to the IP servers 500 not registered in this data base."

Amendment to the first full paragraph on page 59 (ll. 5-13):

"Thus, the up signal transmitted from the mobile station 101 comes to contain the URL of any one of the IP servers 500A, 500B and so on of the destination, the mobile station ID, the base station ID and the packet subscriber processing unit ID by the time it is received by the gateway server [320] 330. The location information generating unit 325, by analyzing these ID information, can grasp which mobile station 101 is located in the radio zone of which base station 210."

Amendment to the second full paragraph on page 59 (ll. 14-24):

"Also, the location information generating unit 325 includes an area code table 328 having stored therein the base station IDs and corresponding area codes of the areas where the respective base stations having the particular base station IDs are located. The location information generating unit 325 searches the area code table 328

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using, as a search key, the base station IDs covering the mobile station [10] 101. The area code obtained as the result of this operation and the mobile station ID of the mobile station 101 described above are determined as the location information of the mobile station 101."

Amendment to the paragraph beginning on line 25 of page 62 and concluding on line 3 of page 63:

"According to the third embodiment, a location measuring method is designated by adding, to the hyper link character string, the network-type GPS form ".[gbs]gps" or the location measuring method ".bs" using the base station ID. The IP server 500, however, can also add the data of a plurality of location measuring methods with the order of priority specified."

Amendment to second full paragraph on page 77 (ll. 8-14):

"Finally, in step Sa39, the microcomputer 101b of the mobile station 101A detects that the received data string contains the URL indicating the location information of the mobile station 101B and by accessing the particular URL automatically, displays the map indicating the location of the mobile station 101[A]B on the information display unit 101e thereby to end the operation."

Amendment to claim 24:

24.   (Once Amended) A location reporting method as described in Claim 23, wherein,

said acquiring step includes generating by said mobile communication terminal the location of itself using a global positioning system[(hereinafter referred to as the GPS)].